

20000108.qrp v01\_n694.qrl.20000108

Date: Sat, 8 Jan 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1694

QRP-L Digest 1694

Topics covered in this issue include:

- 1) [59755] Re: RS sale alert, Light Weight Headphones  
by DYARNES@aol.com
- 2) [59756] Spk mic sale  
by tom whalen <wb5qyt@eFortress.com>
- 3) [59757] 2N2/15 Progress Update  
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 4) [59758] Re: DXing from Apartment ?  
by "Harsha K" <bravado@angelfire.com>
- 5) [59759] RE: PSK31 and DIGIPAN  
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 6) [59760] Re: QRM the TV? -- NOT with a K2!  
by K2UD@aol.com
- 7) [59761] Re: PSK31 and DIGIPAN  
by "KC1DI-DOR" <ELBC@PIVOT.NET>
- 8) [59762] Re: OPERATING: QRPp - It can be done. de AL7FS (long)  
by DONROHER@aol.com
- 9) [59763] Re: Poquet computer  
by "aluscre" <aluscre@neo.rr.com>
- 10) [59764] Re: RS sale alert, Light Weight Headphones  
by Al Patrick <arp@inet4u.com>
- 11) [59765] solar panel  
by "Terres Family" <terresfm@ncia.net>
- 12) [59766] Re: Teflon Wire  
by George Gingell <k3tks@u1.abs.net>
- 13) [59767] OT - Need Help with E-mail  
by "NN7CK" <nn7ck@mindspring.com>
- 14) [59768] NORCAL NC-20 T4 windings?  
by Dave Redfearn <n4elm@texoma.net>
- 15) [59769] Re: OT - Need Help with E-mail  
by "NN7CK" <nn7ck@mindspring.com>
- 16) [59770] Updating QRP-L information  
by Bob Nielsen <nielsen@primenet.com>
- 17) [59771] Re: NORCAL NC-20 T4 windings?  
by Dave Fifield <fifield@pacbell.net>
- 18) [59772] Thanks for the help  
by Bob Lech <rangersf5@yahoo.com>
- 19) [59773] Re: OT - Need Help with E-mail

- by Al Patrick <arp@inet4u.com>
- 20) [59774] Eastern PA QRP Club Web Page Update  
by "Ron Polityka" <wb3aal@talon.net>
- 21) [59775] Hy-Gain Beam  
by Charles Greene <cgreene@loa.com>
- 22) [59776] RE: Hy-Gain Beam  
by Radman <radman@best.com>
- 23) [59777] Re: QRP Antennas  
by Dick Carroll <dixie@townsqsr.com>
- 24) [59778] Preamp for Ten Tec Century 21  
by Wa2ocg@aol.com
- 25) [59779] FOXHUNT:Team Scores  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 26) [59780] two hot deals from Costco...  
by Radman <radman@best.com>
- 27) [59781] Re: Hy-Gain Beam  
by "KC1DI-DOR" <ELBC@PIVOT.NET>
- 28) [59782] OT: HP printer problems  
by K2UD@aol.com
- 29) [59783] Re: solar panel  
by "T. E. 'Doc' Drake" <w5tb@SoftHome.net>
- 30) [59784] Fw: ARLP001 Propagation de K7VVV  
by "Gail Perkins" <maggie98@email.msn.com>
- 31) [59785] Re: Preamp for Ten Tec Century 21  
by Mike Souhrada <wb9iog@revealed.net>
- 32) [59786] Antennas/Drivel:Dr. MC's Christmas Vacation - QRP on the Road,  
Antenna Connections  
by "James R. Duffey" <jamesd1@flash.net>
- 33) [59787] KITS: miniPIG-10 Millenium Vacation  
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 34) [59788] FOX: Alert  
by Jay Freeman <jayFreem@direcpc.com>
- 35) [59789] FS-QRP Rigs & Misc.  
by Kevin Walker <kb9nun@ameritech.net>
- 36) [59790] 160M QRP  
by "Dan Wolfe" <n4roa@mounet.com>
- 37) [59791] QRPTTF 1999 Spring Results ???????  
by "Dennis Brickey" <n4dd@preferred.com>
- 38) [59792] Re: Preamp for Ten Tec Century 21  
by Charles Greene <cgreene@loa.com>
- 39) [59793] Re: QRPTTF 1999 Spring Results ???????  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 40) [59794] Re: Hy-Gain Beam  
by Charles Greene <cgreene@loa.com>
- 41) [59795] Re: two hot deals from Costco...  
by "Ron Smith" <resmith666@uswest.net>
- 42) [59796] Re: two hot deals from Costco...  
by "Dick Schneider" <dschneider2@uswest.net>

- 43) [59797] Milliwatting help needed  
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
44) [59798] EXTRA Happy Dance!  
by "J. Ervin Bates" <w8erv@email.msn.com>  
45) [59799] Re: 160M QRP  
by "Bob Tellefsen" <n6wg@earthlink.net>  
46) [59800] Question installing silver contacts on Norcal keyer  
by "BHUYCK" <BHUYCK@prodigy.net>  
47) [59801] Re: RS sale alert  
by "John A. Evans - N0HJ" <jaevals@codenet.net>

-----  
Date: Fri, 7 Jan 2000 18:59:13 EST  
From: DYARNES@aol.com  
To: n0rc@yahoo.com, qrp-1@lehigh.edu  
Subject: [59755] Re: RS sale alert, Light Weight Headphones  
Message-ID: <60.604f32bd.25a7d7d1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 1/7/00 6:59:55 AM US Mountain Standard Time,  
n0rc@yahoo.com writes:

<< The latest RS flyer has #33-1133 Ultra Light Weight phones for \$9.99.  
50% off! >>

Hey Gang,

In case anyone missed it, Radioshack.com (formerly Tech America) has been selling, and is still selling, some headphones for about \$3.50 or something like that. I think they are Delco or something--can't remember the name on them (and I'm at the office right now), but they work pretty darn good. I bought a couple pair last time I was in Phoenix, and I have no complaint. They are reasonably comfortable too. You can get them with either a standard 1/4 inch plug or a 1/8 mini plug.

For what it's worth--thought I would mention them.

72 de Dave W7AQK

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Date: Fri, 07 Jan 2000 16:49:47 -0700  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [59756] Spk mic sale  
Message-ID: <38767B9B.7E1D@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Tech America selling a mini speaker mic that fits most ht's for  
9.95....regularly 19.95.

72, Tom WB5QYT

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Date: Fri, 07 Jan 2000 19:50:55 -0500  
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
To: qrp-l@lehigh.edu  
Cc: jmkortge@yahoo.com  
Subject: [59757] 2N2/15 Progress Update  
Message-ID: <3.0.1.32.20000107195055.006ee138@pop.prodigy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang....I've just added a major section to the 2N2/15 part of the  
webpage. This new information covers the design and construction of  
the VFO subsystem. Please have a look if interested, and as always,  
I appreciate feedback, especially if there is information that is  
confusing, or just plain inaccurate. I'm still learning the black  
art of r.f. design, so sometimes I make kinda stupid mistakes. :-)

The URL for the latest infomation is at: <http://www.qsl.net/k8iqy/2n215.html>

72, and thanks for the bandwidth on the reflector.

Jim, K8IQY

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Date: Fri, 07 Jan 2000 17:45:23 -0800  
From: "Harsha K" <bravado@angelfire.com>  
To: qrp-l@Lehigh.EDU  
Subject: [59758] Re: DXing from Apartment ?  
Message-ID: <NKLOHIKGECAAAAA@angelfire.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

Hi All,

Thank you very much once again for the overwhelming response to my question on suggestions/ideas for trying DX from limited space dwellings such as an apartment. I received some excellent suggestions/pointers and I thought I'd share it with the list. It sure might help others in a similar situation as well.

Here is the consolidated list of replies I got to my question and once again thanks a lot.

Pardon me the entire list of answers is somewhat long but definitely very informative.

73s,  
Harsha

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I wouldn't call my operation DXing but I did operate with a long wire dangling down the hall through dooways etc. My house is in a town-house...I have three floors. The house is wood frame with siding (don't know if is metal or plastic). The wire itself is about 40 feet of insulated wire that came with a receiver. Oh...no grounds. except on my Dipole, which has a small wire for a counterpoise. at first I used higher power (75 watts), but after I had more experience I made QRP contacts up to 1000 miles per watt. I think patience is the key. I now have a dipole snaked around the attic, but I still use the original long wire sometimes for "real" QRP. I now have an antenna tuner for the long wire antenna. I think the guys who say that it "RF" has to go somewhere have a point. Imagine trying to make a wire "not" radiate.-jim AF4FJ  
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Certainly try to get your antenna outside. Ground is a bit of a problem. I'd suggest Joe Everhart's half-wave antenna idea. It's one that doesn't require an elaborate ground system. But it DOES require a fairly long (end fed) half-wave wire. On the third floor, you should look to stretch the wire out to another support. A tree, another building etc. Doesn't necessarily have to go UP - stretched out toward the ground is sorta OK.

But what about ground? Does your patio

have a railing? Is it metal? Use that for a ground. Or stretch a quarter-wave wire around your patio. Or let it snake down the side of the apartment. You might even be able to use your aluminum-frame patio doors as a ground.

Glen Leinweber

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For about 15 years, before we moved to this house, I used a random wire from the condo we lived in. I worked nearly all states and lots of DX, operating only a couple of weeks each year until 1994! The antenna was written up in QST for June 1995 as 'A Stealth Antenna' and also appears in the ARRL's 'Best of New Ham Companion'.

It was a simple 40 to 45 foot long wire that ran out of the third floor condo to a nearby tree. The secret was in the way it was built and launched. You can read the article for that! I used a simple L network tuner and a set of resonant counterpoises under the rug for RF ground. A full size array up 60 feet would surely have outperformed it, but the satisfaction of making QSOs even on 80 meters was great. If you have a will you can get on from almost anywhere!73

Bruce Muscolino

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Years ago, when I operated from a third floor apartment, I used an end-fed wire as my antenna. It ran from my bedroom window, across the front of the brick building, fanning out from the window to a fire escape on the other end of the apartment. From there it angled up to the roof, and then ran across the roof at a height of about two feet. I used porcelain and glass insulators at every point of contact with iron, brick, etc.

The thin, black wire came into the room through a BB-hole that was in the window pane when I moved in. The landlord wanted to replace it, but I said that wasn't necessary. He must have branded me as a weirdo (!), but it was less work for the superintendant, so the pane was never replaced. Hee hee. In any case, I then used a simple roller-coil-based L-network to adjust the antenna. I opened the radiator encasement and cleaned the steam pipe with a flat file. I then strapped a 2-inch-wide braid to the cleaned spot and replaced the radiator cover. About a foot away I placed the antenna tuner, "grounded" it, and then ran coax over to the rig.

The antenna worked on all bands, and using my Argonaut 515, I worked many DX stations and had hundreds of FB QSOs. At the time, I was one of the first hams to adopt AMTOR, and I used the same antenna for that, along with the Argo. It was amazing. Sometimes these QRP AMTOR QSOs would extend for 45 minutes or so, with 100 percent error free copy.

On SSB and CW I had many wonderful ragchews and DX contacts. Typically, if the other op didn't ask, and I didn't say what kind of wire antenna and QRP rig I was using, he/she wouldn't ask. I even won a QRP Sweepstakes certificate with this setup.

Occasionally I'd have to go up to the roof and make a few repairs (no

maintenance person up there on the roof ever tripped over the wire; it simply snapped when they walked over it, and apparently they never noticed it), but it was a small price to pay to be on the air stealth style! I used this antenna for eight years.

GL es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

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The Condo Communicator is a newsletter directed toward helping hams solve the perennial problem of getting on the air from inside apartments, townhouses and anywhere that the traditional big-tower setup is forbidden or impractical. Dormitory residents and anyone not living on 40 acres in the country will find the suggestions in these articles helpful. Enjoy! <http://www.uga.edu/~barc/ccindex.html>  
73 T.E. 'Doc' Drake  
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I am not in an apartment...I am in a condo. I use an indoor Windom on 20 meters and it works out fine. For a patio you might try taking 6 feet of pvc pipe...wrapping it in wire (what bands are you interested in ? - that's what the wire length would depend on) and just put radials on the patio itself. QST a while back had an article of a guy who made a vertical out of an aluminum paint pole and a small portable receiver pull up whip from R/Shack. His was on a balcony. Hope this helps

72

Greg WB9MII  
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I don't think that you will find a commercial product on the market that would give you any reasonable efficiency. One that might is the AEA Loop portable antenna, but its cost is ridiculous compared to what it is made of, also my experience with it was that it was ok at 100 watts plus. What you will have to do is construct yourself an antenna that can be mounted on the balcony rail much like a flag, many such mounts are available at most Wallmarts. I would recommend a vertical antenna, but the design for these are 2 bands, usually using an atu for tuning will permit operation on other bands. The verticals I have in mind is a helicoid type, roughly about 6 feet in length, and the radial can be simply hung off the balcony, or laid on the floor. I have the schematic for two types, and can send them to you in jpg,bmp attached files, very easy to construct, and not expensive. I have used both of these antennas with great success using qrp. Give me a buzz  
FrankN8HI  
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>To: David Gauding>From: david.gauding@bbs.galilei.com

>Date: 17 Dec 99 13:55:26 -0600>Subject: Re: Short Portable Antennas>>

>Hello and Happy Holidays,>

>I didn't make note of who brought up the subject of "slinky" vertical

>antennas earlier today. But, I've used them on-and-off for 15 years. It's  
>not a computer generated theoretical antenna but one that does work pretty  
>well in elevated settings. Assuming the alternative may be no antenna at  
>all this is truly viable indoor design with a decent track record. I've got  
>log entries and notes to refresh my memory so what follows is based on  
>real-time experience. Bottom line, I've built and used these antennas. >  
>The slinky vertical on a break-down pvc stand is known as the "Ramada  
>Radiator". I wrote the author a letter after the article was published in  
>73 Magazine, around 1985. The design worked for me and I wanted to tell him  
>so. Replying, he told me that many other folks had also written! Remember,  
>this was long before e-mail so there was a lot of genuine interest. >  
>Briefly, the pvc stand with a couple of strategically placed dowel supports  
>holds a single coil (the classic "orange" size) which is stretched from  
>floor to ceiling. Later, I just used a single PVC support with several  
>extension options. I wedged the right length in place with a sponge rubber  
>ball. Then, I used a few radials and a tuner to cover 10-40M instead of  
>shorting out the coils for individual bands.>  
>Position the antenna near a window (starting on the second floor and above)  
>and the little vertical starts to get out. It hears well at ground level  
>but that's about all. Needless to say steel beamed hotels/motels absorb RF  
>pretty quickly so in those locations expectations should be tempered with a  
>dose of reality. Balcony locations are helpful and I always try to tie the  
>steel railing and/or the sliding door frame into the ground system. >  
>Last year I started to write an article on "slinky" antennas but it's on  
>the back burner for now. Chatting with the manufacturer/distributor was a  
>lot of fun and I got the impression that inquiries from hams are routine,  
>i.e. how much wire is in those coils! <g> >  
>I got my first "slinky" in 1980 along with a novice ticket. It was the 6"  
>diameter commercial version. I've still got the set-up instructions around  
>here somewhere but the coils are long gone. I'm erasing all memories of  
>being a "cliffdweller" for 18 years! <g>>  
>The commercial "slinky" is a monster due to it's coil diameter, flexibility  
>and weight. Also, the number of turns needed to resonate it as single band  
>coax fed antenna. This means approximately 66' of wire in the coils to  
>achieve resonance on 20M, or 132' for 40M and so forth. It's fairly easy  
>to do this at ground level but not in a low attic with open rafters. <g>>  
>After several frustrating days in the attic with my first "slinky" and  
>little to show in the log, I went back quite happily to my rain gutter  
>antenna. Then I met an elmer who carefully explained tuned feeders in  
>readily understandable terms. I started tuning my "slinky" with twinlead  
>and all of a sudden life on the bands got a lot better. And, I could get on  
>10-40M using remote tuning. I used that commercial "slinky" and several toy  
>derivatives until my "Aluminum Cloud Antenna" design evolved (aluminum  
>kitchen foil radiators). All "slinkys" are still recalled with a certain  
>fondness because I learned a lot about antennas from them.>  
>I haven't seen a commercial "slinky" advertised in years. I believe the  
>last seller was called the "Blackstone Group" and it wasn't cheap. But,  
>there are three sizes of inexpensive toy "slinkys" these days and a



>homebrew antenna is easy to make. The smallest is golf ball size. The  
>middle or orange size is the one most of us grew up with. The largest (and  
>latest) is about the size of a grapefruit. >  
>These sizes can be resonated on single bands (good luck) or configured as  
>tuned doublets the covering 10-20M, 10-40M and 10-80M respectively. This  
>assumes almost full extension of the coils. "Full extension" means  
>stretching them close to the point where the wire starts to kink, perhaps  
>90%. It's a trial & error exercise but not hard to do. If anything the  
>antenna is very forgiving.>  
>I use common formica tile samples for center and end insulators for the  
>small and medium size coils. I prefer braided nylon fishing line for the  
>messenger line am but no longer sure if the stuff is being manufactured. A  
>no-stretch line is required due to the weight of the coils as well as the  
>heat generated in an attic. The doublet needs to be supported in the middle  
>as well as at the ends. Hook-eyes work well.>  
>Drill holes in the top and bottom of the tiles to match the coil diameter.  
>Slip the crimped spring clip off one end of the coil, thread the wire into  
>the tile and re-crimp. Terminate the feedline in alligator clips.  
>The coils are zinc plated. I used to scrape the steel wire down to bare  
>metal but never could detect any difference in performance.>  
>The length of wire in each coil is variable. Two turns is typical, three  
>not uncommon and I've even run into four. Since each side of a the doublet  
>should be balanced expect to do some trimming on one coil so it matches the  
>length of the other.>  
>A coax feedline with a coiled choke at the feedpoint works okay. But, the  
>"golf ball" slinky can even be resonated on 30M if the tuned feedline is a  
>generous length. I may have gotten one of these little antennas onto 40M  
>but just can't recall right now. In any case, the smallest size uses  
>thinner wire and can be easily extended between points in a hotel room,  
>i.e. bathroom door and a curtain rod. The doublets are a little more  
>forgiving than a vertical when it comes to indoor locations. Finally, for  
>either polarization height continues to be everything for these limited  
>space antennas.>  
>Trusting this information will be helpful for our indoor and portable ops.  
>If anyone comes across the original "Ramada Radiator" article please  
>mention the 73 issue reference here on QRP-L.>>Best regards,>>>  
>de Dave, NF0R      nf0r@slacc.com>

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Will try to keep this simple and on topic:

- 1) If you use a dipole/doublet the "good/decent" ground connection problem is really not a problem. But, if you decide to go with an end-fed antenna then a bundle of quarter-wave wire counterpoises run along the baseboard will suffice. Especially at QRP outputs.
- 2) You on the third floor! If your not in metal framed or stucco the altitude is a major plus.
- 3) If you can, put a doublet across the room. Barring that, put it in a corner and feed through a tuner. The convenience of multi-banding is worth

it. You might also try sneaking a wire out the window held down with a bell sinker, run through a tuner, of course.

4) Try loading the rain gutters or roof flashing if you can reach them. Try just laying a doublet on the roof. It works better than you can imagine. If you have a sliding metal patio door try loading the aluminum frame. Also, try loading the window screens. Also, two standing of them next to each other can be fed with balanced line and loaded on various bands. A slinky dipole can be homwbrewed at reasonable cost.

5. The previous issue of QRP Quarterly has an article from me about DXing with indoor/attic antennas. The "Aluminum Cloud" might work for you if there is space. I was a cliffdweller for 18 years. If I go back to a condo this one goes back in the attic.

Hope this is of some help to you. Good luck and don't give up. You will find the right antenna after a bit of experimenting. Also, anything is better than no antenna at all! <g>Best regards, de Dave, NF0R      nf0r@slacc.com

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I don't live in an apartment and am able to have an outdoor antenna. I do however spend a lot of time in hotel rooms and many of them are of course on upper floors. Getting a ground would be quite a problem. I just built, but other than testing have not yet used it, a shortened dipole for 40 meters. I made loading coils and the total length of the antenna is roughly 30 feet. I figure I can "bend" it in sort of a horizontal V around two walls of a room.

Again, I can not yet say how it's going to work, but it's something to consider as you are reasonably high and would not need to consider antenna grounding as such. Certainly for higher bands it would be even smaller.  
Dan W. Dooley WB5TKA      e-mail to: dandoooley@pipeline.com

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You might take a hard look at the MFJ artificial ground. I use one in my condo and I've wkd apx 80 countries w/ a dipole.72/73Marv Fagenson  
k6hcj@Juno.com

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Angelfire for your free web-based e-mail. <http://www.angelfire.com>

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Date: Fri, 7 Jan 2000 20:54:13 -0500  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>  
To: "qrp-L" <qrp-l@LeHigh.edu>  
Subject: [59759] RE: PSK31 and DIGIPAN  
Message-ID: <000301bf597b\$8e35c040\$04000a0a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

PSK31 really works with QRP signals ... NO DOUBT  
Now we have DIGIPAN a much more "user friendly"  
software , by means of which operating PSK31 is  
much easier.

BUT... seems like there is some kind of bug in  
the DIGIPAN program, and at least on my PENTIUM 150 mHz  
with 32 megs RAM the software freezes the machine  
without notice at anytime...

If some of the QRP operators using DIGIPAN has  
experienced the same problem, and has found a  
solution for it, please get in touch with me  
via e-mail to : inforhc@mail.infocom.etecsa.cu  
BTW, there seems to be another program for the digital  
mode that supports many different modes , but I  
don't know its name, or if it works using WINDOWS98  
or DOS...

I am very interested in software to run digital  
modes that use the computer's sound card...

Any suggestions ?

I can receive attachments, so if you have the software  
in .zip format, your help will be appreciated, as there  
are many young amateurs here interested in running  
QRP in digital modes.

Most of them have DOS machines of the 286, 386 type  
and a few 486's and still fewer PENTIUMS.

Thanks in advance for the help and advice

Arnie

C02KK

Arnie Coro C02KK

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Fri, 7 Jan 2000 21:05:45 EST

From: K2UD@aol.com

To: we6w@qsl.net

Cc: qrp-1@lehigh.edu  
Subject: [59760] Re: QRM the TV? -- NOT with a K2!  
Message-ID: <15.15250c73.25a7f579@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Similar experience, kinda. An HW-7 with not filter caused TVI to the TV next door (roof TV antenna). A DX-60B at 90W with low pass filter did not!

The filter design might be the difference in the rigs you described.

72

Howard Kraus, K2UD

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Date: Fri, 7 Jan 2000 21:26:03 -0500  
From: "KC1DI-DOR" <ELBC@PIVOT.NET>  
To: <inforhc@mail.infocom.etecsa.cu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59761] Re: PSK31 and DIGIPAN  
Message-ID: <001401bf597f\$b6b99ec0\$2011a1d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Arnie,  
Digipan is only one of many  
I Use one called winpsk and also Logger  
both run under windows 95 or 98  
here are the URL's where you can down Load and try them for yourself.  
<http://www.itis.net/golist/download.htm>

<http://www.mindspring.com/~ae4jy/>

and here is a general interest psk31 link page  
<http://www.megalink.net/~n1rct/psk/pskin.html>

Hope to cu on the air  
73 DAVE KC1DI

----- Original Message -----  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, January 07, 2000 8:54 PM

Subject: RE: PSK31 and DIGIPAN

> PSK31 really works with QRP signals ... NO DOUBT  
> Now we have DIGIPAN a much more "user friendly"  
> software , by means of which operating PSK31 is  
> much easier.  
> BUT... seems like there is some kind of bug in  
> the DIGIPAN program, and at least on my PENTIUM 150 mHz  
> with 32 megs RAM the software freezes the machine  
> without notice at anytime...  
> If some of the QRP operators using DIGIPAN has  
> experienced the same problem, and has found a  
> solution for it, please get in touch with me  
> via e-mail to : inforhc@mail.infocom.etecsa.cu  
> BTW, there seems to be another program for the digital  
> mode that supports many different modes , but I  
> don't know its name, or if it works using WINDOWS98  
> or DOS...  
> I am very interested in software to run digital  
> modes that use the computer's sound card...  
> Any suggestions ?  
> I can receive attachments, so if you have the software  
> in .zip format, your help will be appreciated, as there  
> are many young amateurs here interested in running  
> QRP in digital modes.  
> Most of them have DOS machines of the 286, 386 type  
> and a few 486's and still fewer PENTIUMS.  
> Thanks in advance for the help and advice  
> Arnie  
> C02KK  
>  
> Arnie Coro C02KK  
>  
> e-mail:inforhc@mail.infocom.etecsa.cu  
> Postal address:  
> Prof. Arnaldo Coro Antich  
> La Torre no.127 entre 35 y 37  
> Nuevo Vedado, Plaza  
> Ciudad Habana , 10600  
> CUBA  
>

-----  
Date: Fri, 7 Jan 2000 21:32:20 EST  
From: DONROHER@aol.com

To: al7fs@pobox.alaska.net, qrp-1@lehigh.edu  
Subject: [59762] Re: OPERATING: QRPp - It can be done. de AL7FS (long)  
Message-ID: <af.af24d4d6.25a7fbb4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Jim ... I was beginning to think my operating location on Wrangell Island was special. I to really have no problem making QRP cw or 5 watt SSB contacts to the lower 48 and the rest of the Western World with an SG-2020. At the cabin I prefer the 2020 to the KW-570.....

-----  
Date: Fri, 07 Jan 2000 21:54:12 -0500  
From: "aluscre" <aluscre@neo.rr.com>  
To: rob3ert@thegrid.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59763] Re: Poquet computer  
Message-ID: <20000108025434.AAA16997@roadrunner.neo.lrun.com@neo.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I also need the info on where to buy

Bob Parks wrote:

> Seems to me that someone here mentioned getting a Poquet computer for a  
> price like \$25, and gave a source, but I can't to find the e-mail.  
>  
> Would appreciate any clues.  
>  
> Thanks.  
>  
> Regards es 72/73  
>  
> Bob Parks  
> K6AEC (Las Vegas, NV)

--  
|-----|  
| Anthony A. Luscre |  
| KA8NRC |  
| Stow, Ohio |  
|-----|

-----  
Date: Fri, 07 Jan 2000 22:18:11 -0500  
From: Al Patrick <arp@inet4u.com>  
To: DYARNES@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [59764] Re: RS sale alert, Light Weight Headphones  
Message-ID: <3876AC73.A72E8640@inet4u.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Are these available at the local stores or only online?

Because of your message I looked it up. It is the Koss Stereo Headphones 1/8" plug, reg. 9.99 sale \$3.87 Cat.#: 930-0548 "Awesome headphones deal! These phones were originally made... "

But they also have cat # 930-0344 Mini Earphone (plug) - 12 Feet @ \$1.99 (not a typo)!

Just go to the following url:

<http://www.radioshack.com/ProductCatalogSubmit/Frames/1,3044,,00.html> I hope it works as it was the product of a product search on "headphones".

Hope this helps.

DYARNES@aol.com wrote:

> In a message dated 1/7/00 6:59:55 AM US Mountain Standard Time,  
> n0rc@yahoo.com writes:  
>  
> << The latest RS flyer has #33-1133 Ultra Light Weight phones for \$9.99.  
> 50% off! >>  
>  
> Hey Gang,  
>  
> In case anyone missed it, Radioshack.com (formerly Tech America) has been  
> selling, and is still selling, some headphones for about \$3.50 or something  
> like that. I think they are Delco or something--can't remember the name on  
> them (and I'm at the office right now), but they work pretty darn good. I  
> bought a couple pair last time I was in Phoenix, and I have no complaint.  
> They are reasonably comfortable too. You can get them with either a standard  
> 1/4 inch plug or a 1/8 mini plug.  
>  
> For what it's worth--thought I would mention them.  
>

> 72 de Dave W7AQK

-----  
Date: Sat, 8 Jan 2000 00:04:34 -0500  
From: "Terres Family" <terresfm@ncia.net>  
To: <QRP-L@Lehigh.edu>  
Subject: [59765] solar panel  
Message-ID: <003801bf5995\$dbb16b20\$5082f3ce@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

radioshack.com has a 15 watt solar panel for sale for ~\$75, about 9 pounds,  
says it puts out 1 amp at 15 volts, most solar panel ads say 17 volts.  
anybody know anything about this one?  
thanks & 72  
jerry aa1of  
franconia nh

-----  
Date: Fri, 7 Jan 2000 23:14:40 -0500 (EST)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [59766] Re: Teflon Wire  
Message-ID: <Pine.BSI.4.10.10001072246340.11558-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I have not purchased any Teflon Wire from Jim (Yet :^) , I can  
Highly recommend it for making "Stealth Wire Antenna's"

Some one mentioned a suggestion that Jim change the "Default Packaging  
length to 66 Ft. rather than 50 Ft Coils. I used to ask the same thing  
about Radio Shack Antenna Wire Coils.

The solution is of course to just go for the 1000 Ft. Spool at \$40.00  
that comes out to less then \$ 3.00 per 40 Meter Dipole.

A little calculation shows that a 1000 Ft Roll will yield 15 (66'-6")  
40 Meter Dipoles.

I don't know what colors are available, but I would OPT for Blue/Gray  
or Green/Brown :^) The roll I picked up at hamfest years ago happened to



be Black Brown Gray. No Seeum wire :^)

Try a W3EDP "Stealth Version" 1 oz Sinker on end of wire, then just fire it over the tree tops and let it lay where it may.

Once had one over the Mulberry tree with the end resting on the school roof. Lasted several years until they remodeled the building. :^)

Now I prefer full wave loops.

Do I hear a run Teflon Wire :^)

All disclaimers apply, but Jim Skalski, N2G0 has the best deal on what you need. IMHO

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

-----

Date: Fri, 7 Jan 2000 23:21:51 -0500

From: "NN7CK" <nn7ck@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: <nn7ck@arrl.net>

Subject: [59767] OT - Need Help with E-mail

Message-ID: <008c01bf598f\$e4082e40\$44838ad1@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Although this is not totally QRP related, I am afraid that my laptop is on the verge of failure and I don't want to loose all my stored QRP-L and Elecraft e-mails so I am hoping someone out there knows more about Windows 95 than I do and can help me.

I'm hoping that wiping the hard disk and reinstalling windows will solve the strange actions I'm getting from several of the keys but really don't want to loose my e-mail archives.

Does Win-95 store e-mails in a file somewhere that is accessible so I can put them on a zip disk then reload onto another computer?

Sending them to another computer one at a time is out of the question, there are just too many of them and this group is such a pool of knowledge I'm sure someone knows a way if it is at all possible.

Please reply direct.

Thanks es 72/73 ... Gene ... NN7CK ... nn7ck@arrl.net

-----  
Date: Fri, 07 Jan 2000 22:57:23 -0600  
From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59768] NORCAL NC-20 T4 windings?  
Message-ID: <3876C3B3.3C5F8032@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've seen a couple of different notes on suggested changes to the windings on T4.  
What is the current netpertice on the best configuration for T4 in the NC-20?  
Thanks.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sat, 8 Jan 2000 00:20:23 -0500  
From: "NN7CK" <nn7ck@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59769] Re: OT - Need Help with E-mail  
Message-ID: <00b801bf5998\$11143020\$44838ad1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You guys are terrific!

Thanks to everyone that e-mailed me, following your directions I've located them and will save them right away. I am using Outlook Express and your help led me right to them.

Boy what an asset this list is.

Thanks again and 72/73 ... Gene ... NN7CK ... Asheville, NC

-----  
Date: Fri, 7 Jan 2000 22:58:07 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [59770] Updating QRP-L information  
Message-ID: <20000107225807.A6285@bob.localnet>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

How do I update information on the list? I'd like to keep my qrp-l number, but have it show my new call. I looked in the list of commands, but this doesn't appear to be covered.

Bob

--  
Bob Nielsen, N7XY (ex-W6SWE) (RN2)                   nielsen@primenet.com  
Tucson, AZ DM42nh   QRP-L #1985                   http://www.primenet.com/~nielsen

-----  
Date: Fri, 07 Jan 2000 22:06:06 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: n4elm@texoma.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59771] Re: NORCAL NC-20 T4 windings?  
Message-ID: <013301bf599e\$73903a40\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Dave,

The latest thinking is that T4 should have 4t:22t on it.....twice as many as was originally specified. This is a Dave Meacham mod. (Thanks Dave!). Use 28awg wire to do this so that it all fits on nicely. Good luck.

72, Dave Fifield, AD6A  
(so many Dave's.....)

----- Original Message -----

From: "Dave Redfearn" <n4elm@texoma.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, January 07, 2000 8:57 PM  
Subject: NORCAL NC-20 T4 windings?

> I've seen a couple of different notes on suggested changes to the  
> windings on  
> T4.  
> What is the current netpertice on the best configuration for T4 in the  
> NC-20?  
> Thanks.  
>  
> 73 - Dave

-----  
Date: Fri, 7 Jan 2000 22:35:41 -0800 (PST)  
From: Bob Lech <rangersf5@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [59772] Thanks for the help  
Message-ID: <20000108063541.7237.qmail@web3306.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi Gang,  
Thanks to all for the input in the new mail here.  
Everything is working good and my neighbor gave me a  
586 133 CPU so i'm getting a bit more speed also.  
Again,  
Thanks for all the help  
Bob  
WA2GOQrp <tm>

=====

Member QRP-L #1437, NJ QRP #126,ARS #350,FISTS #4916,ARCI #4600, Zombie #243,  
<http://www.angelfire.com/nj/IamSF5/index.html>

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Sat, 08 Jan 2000 04:16:07 -0500  
From: Al Patrick <arp@inet4u.com>  
To: nn7ck@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [59773] Re: OT - Need Help with E-mail  
Message-ID: <38770057.F3C02444@inet4u.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It would probably help to start with what browser you are using, i.e., Netscape, Internet Explorer, etc. I'm guessing they'd be stored under the browser, but don't know in exactly what file (which may be different with each browser).

Immediately after downloading a mail packet -- (this creates a new file or alters an existing one)  
I just issued the following command, from a dos window: Each pipe | is a separate command. c: | cd \ | dir \*.\* /s > myfiles.txt  
This puts a file called "myfiles.txt" on the root of c: You can then take any text editor (exempting some that are memory based if you have a lot of files) and do a search for the date, i.e. "01-08-00" and note the files as you find them.

With netscape as my browser, I found a file called INBOX with the date and time of the last mail download. Without giving the huge size of my file <g> it is:

c:\progra~1\netscape\users\arp\mail\INBOX

Hope this helps,

Al

=====  
NN7CK wrote:

> Although this is not totally QRP related, I am afraid that my laptop is on  
> the verge of failure and I don't want to loose all my stored QRP-L and  
> Elecraft e-mails so I am hoping someone out there knows more about Windows

> 95 than I do and can help me.  
>  
> I'm hoping that wiping the hard disk and reinstalling windows will solve the  
> strange actions I'm getting from several of the keys but really don't want  
> to loose my e-mail archives.  
>  
> Does Win-95 store e-mails in a file somewhere that is accessable so I can  
> put them on a zip disk then reload onto another computer?  
>  
> Sending them to another computer one at a time is out of the question, there  
> are just too many of them and this group is such a pool of knowledge I'm  
> sure someone knows a way if it is at all possible.  
>  
> Please reply direct.  
>  
> Thanks es 72/73 ... Gene ... NN7CK ... nn7ck@arrl.net

-----  
Date: Sat, 8 Jan 2000 07:06:30 -0500  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [59774] Eastern PA QRP Club Web Page Update  
Message-ID: <006101bf59d0\$cd29c6c0\$51e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Well for the past week the EPA QRP Club Web page has been down. I am not sure why it was not up on line, maybe Y2K thing but I am not sure.

The page is back up and you can access it at the following address:  
<http://www.kpsnet.com/wb3aal/default.htm>

Hopefully within a week or two the new address will be as follows:  
<http://www.n3epa.org> I will let the QRP community know when this will be in working operation.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
[wb3aal@talon.net](mailto:wb3aal@talon.net)

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

|                 |               |
|-----------------|---------------|
| EPA QRP #1      | NJ QRP #179   |
| KL7 QRP # 309   | G-QRP # 3031  |
| ARCI QRP # 5318 | 10 - X #13173 |
| NorCal          | Zombie #625   |
| ARS # 380       | HI-QRP #153   |
| VA QRP Society  |               |

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>  
120 + Work Units Completed

-----  
Date: Sat, 08 Jan 2000 07:31:55 -0500  
From: Charles Greene <cgreene@loa.com>  
To: qrp-1@Lehigh.EDU  
Subject: [59775] Hy-Gain Beam  
Message-ID: <4.2.2.20000108072932.00a8b580@mail.loa.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

Does anyone know who supports Hy-Gain products?  
I bought a used Hy-Gain 10/15 meter beam and it needs  
a part.

Tnx,

-----  
Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator  
[w1cg@arrl.net](mailto:w1cg@arrl.net)  
-----

-----  
Date: Sat, 8 Jan 2000 05:16:16 -0800  
From: Radman <radman@best.com>  
To: "'Charles Greene'" <cgreene@loa.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59776] RE: Hy-Gain Beam  
Message-ID: <01BF5997.8052B160@radman.vip.best.com>

Hi Charles et al,

Hy-Gain was acquired by MFJ Enterprises in mid 1999. You might start with URL:  
<http://www.mfjenterprises.com/>

GL es 72,

Conrad - NN6CW

\*\*\*\*\*

Hi all,

Does anyone know who supports Hy-Gain products?  
I bought a used Hy-Gain 10/15 meter beam and it needs  
a part.

-----  
Date: Sat, 08 Jan 2000 08:11:15 -0600  
From: Dick Carroll <dixie@townsqsr.com>  
To: lewise@inetport.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [59777] Re: QRP Antennas  
Message-ID: <38774583.865255B5@townsqsr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



KA5T Larry Wise wrote:

>  
> Sounds like something out of Walt Maxwell's book:  
>  
> Reflections

That was my first thought, it *\*does\** read like Maxwell. But on reading it through I realized that I had seen it long ago, longer ago than I had owned Maxwell's 'Reflections'. I'm pretty sure that exact piece is from an old issue of Ham Radio mag, and on thinking further it may be from Bill Orr's column rather than by the editor, Jim Fisk. I just looked in "Reflections", and again, though the intro reads very similar and the message is the same, it isn't the piece.

Now I probably won't be satisfied till I dig up that old issue (I've got it somewhere) :-)

> Transmission Lines and Antennas  
>  
> This is a real good reference for any ham.

"MUST HAVE" for a serious library. Unfortunately it is out of print and ARRL doesn't plan a reprint, haveing had some "inconsistancy" pointed out by a critic. I understand that World Radio publishhers are planning a reprint. Hope that goes through OK. This IS a valuable text for hams.

> The first two chapters are titled:  
>  
> 1 - Too Low an SWR Can Kill You  
> 2 - Countdown for a Journey from Mythology to Reality  
>  
> Good reading...

None better.

>  
> Larry KA5T  
> Georgetown, TX  
>  
> On Fri, 07 Jan 2000 13:31:13 -0600, Richard Matthews wrote:

>  
> >  
> >I don't know who wrote this, wasn't me, but I wonder how those on the list  
> >feel about it. I tend to agree, being one that has never worried a lot  
> >about SWR.  
> >  
> >WA4NWW, Richard  
> >  
> >  
> >SWR Myths ..... The Facts And Fiction  
> >  
> >  
> >"I don't know where all the feedline myths started, but I suspect it had  
> >something to do with the do-it-yourself swr bridges which first became  
> >popular back in the early 1950s. Until then, most amateurs didn't even know  
> >about standing waves and, if they did, they didn't seem to care. However,  
> >swr bridges soon caught on, and it wasn't too long before getting caught  
> >with your swr up was synonymous with getting caught with your pants down!  
> >Some hams dug into the books, but when they discovered that swr is caused by  
> >a mismatched antenna, it only served to reinforce the myth. If a mismatched  
> >antenna causes power to be reflected back down the line, they reasoned, this  
> >power obviously wasn't radiated by the antenna. Some even suggested that  
> >the reflected power got back into the transmitter tank and was dissipated  
> >in heat. Others apparently thought that reflected power was lost forever  
> >to some great swr heaven in the sky. A few well informed amateurs tried to  
> >nip these absurdities in the bud, but it was hopeless.....the disease spread  
> >faster than the cure. Transmission lines are too complex to be covered here,  
> >but let's bury the myths. First, reflected power is not lost nor does it  
> >heat up the tank circuit of your transmitter. Second, if the feedline has  
> >low loss, as is in the case on the HF bands, increased loss due to swr is  
> >so small that you can forget about it. Since a 10:1 swr on 100 feet of RG8U  
> >at 4 MHz increases loss by less than 1 db, don't worry about the fact that  
> >the swr rises about 2:1 at the band edges....the station at the other end  
> >won't be able to tell the difference. If your transmitter doesn't like to  
> >load into a mismatch greater than 2:1, buy or build yourself an antenna  
> >tuner and save yourself a lot of grief by forgetting the swr on the line  
> >to the antenna if it's within reasonable limits, say 10:1.  
> >  
> >

-----  
Date: Sat, 8 Jan 2000 12:50:24 EST  
From: Wa2ocg@aol.com  
To: qrp-l@lehigh.edu  
Subject: [59778] Preamp for Ten Tec Century 21  
Message-ID: <9f.9fb5d0a4.25a8d2e0@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Help!!

Does anyone know of a preamp to increase the sensitivity of the rx for this rig? I fell in love with my first one 23 years ago, and just bought a nice used one for QRP and vacation work. Would really like to increase the sensitivity of the rx, if it is possible.

Thanks.

Michael Sealfon  
WA20CG

-----  
Date: Sat, 8 Jan 2000 10:05:44 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [59779] FOXHUNT:Team Scores  
Message-ID: <Pine.LNX.3.95.1000108095918.29383A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

\*\*\*\*\*  
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL  
AS TO PAUL...that will be a big help...thank you all....

\*\*\*\*\*  
Fox Hunt 18 - K7GT -

\*\*\*\*\*  
20th. MAINE BENGAL BEARS:Total=8      BLUE J's:Total=11  
-----  
Jim - N5IB      John - VE3JC <-  
Butch - N5SMQ      Jim - VE6JWA  
Bill - NT1R      Jeff - VA3JFF  
Joel - KE1LA      Jon - TF3JA

DURHAM MORSE MEN:Total=0      EMPIRE HOUNDS:Total=12  
-----  
Jim - VE3KQN      Dick - K2REB  
Ken - VE3ELA      Kevin - N2TO  
John - VA3JE      Mark - N2JTW  
Garry - VE3REP      Nick - KF2PH <-

HOUSTON HOUNDS:Total=51"Sweep"

-----  
Bill - K5ZTY <-  
Bill - W5SB <-  
Terry - KQ5U <-  
Dan - KK5LD <-

NIGHT OWLS:Total=27

-----  
Ed - WE6W <-  
Rich - N5JI  
Dan - N7CQR  
Ben - NW7DX

RAIDERS OF THE LOST RF:Total=30

-----  
Fred - VE3FAL  
Earl - VE6EWM <-  
Mary - NA6E  
Bruce - VE5RC <-

SFBA FOGHORNS:Total=15

-----  
Bob - N6WG <-  
Conrad - NN6CW  
Andreas - N6NU  
Allan - K7GT <-

SWORDS:Total=30

-----  
Rick - WB6JBM  
Andy - KC8KFI  
Doc - K0EVZ <-  
Dan - N8IE <-

TEAM ScQRPion:Total=51

-----  
Floyd - NQ7X <-  
Gary - AB7MY  
Conard - WS4S  
Bob - KI7MN <-

TEXAS TARANTULAS:Total=49"Sweep"

-----  
Bill - K5LN <-  
Dave - N5IW <-  
Bob - AF5Z <-

MANGY MUSHERS:Total=39

-----  
Pete - NV4V <-  
Paul - VA7NT <-  
Bruce - N7RR <-  
Ed - K1VP

OKLAHOMA TORNADOS:Total=37

-----  
Cliff - AB5UA <-  
Royce - KE5TC  
Don - K5AAR  
Gody - AC6U <-

SCATTER SHOT GUNNERS:Total=50"Sweep"

-----  
Mike - K1MG <-  
Jack - W5TFB  
Stan - N6XU <-  
Pat - K0PC <-

SWAMP RATS:Total=51

-----  
Tom - N1TP <-  
Mac - AF4PS <-  
Fred - W2XN  
Paul - AJ4Y

TEAM CRAMP.COM:Total=32

-----  
OJ - K10J <-  
George - K5VUU  
Mike - K5NZ  
Eric - NM5M

TESLA'S TERRORS:Total=68"Sweep"

-----  
Wayne - N0EA <-  
Dan - N0DT <-  
Tim - N0EHW <-  
Joe - W0JOE <-

UNDERDOGS:Total=56

-----  
Roy - AB7CE <-  
Dan - N4ROA <-  
Brian - KB9BVN

Tom - N5TW <-

Ron - KI0II <-

WESTERN WRANGLERS:Total=24

NORTEX Irregulars:Total=5

-----

-----

Randy - K7TQ

Doc - W5TB

Chuck - K7Q0

Joe - KK5NA Steve

Steve - WW7Y

Don - N5YAK

Ron - KU7Y

Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Sat, 8 Jan 2000 06:53:45 -0800  
From: Radman <radman@best.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [59780] two hot deals from Costco...  
Message-ID: <01BF59A5.23289000@radman.vip.best.com>

Gang,

I love deals! Here's two perhaps of interest. One is QRP! If you're a Costco member, they're running a promo on Motorola "TalkAbout Plus" <QRP> frs handi-talkies... \$49.99 ea. (That's about half the on-line street price.) And, a 16-pak of 100MB Iomega Zip Disks for \$99.99 - that's 1.6GB of back-up!

Here's how it works - each item is part of a time-limited promo. The "window" is narrow, so you'll have to buy during the >one week< time period each item is offered.

The "TalkAbout Plus" is an online purchase from Jan 31-Feb 6.  
URL: <http://www.costco.com/home.asp?log=>  
The Zip Disks are on sale in the store from Feb 7-Feb 15. (You'll need the coupon book they mail to you!)

What is a Motorola "TalkAbout Plus?" In addition to being the "industry standard" QRP radio for all 7th grade boys who own skateboards here in 6-Land... the specs follow:

Freq: UHF: 462.5625-467.7125MHz  
Channels: 14  
Privacy codes: 38  
Power supply: 3-AA alkaline batts  
Size: 4.5" tall w/o antenna  
weight: 7 oz  
Battery life: 30 hours (5% xmt/5% rcv/90%standby)  
Power out: 500 mW  
Channel spacing: 12.5kHz  
Nominal range: 2 miles - line of sight.

And, don't forget to buy your hot dog on the way out of the store ;)

72,

Conrad - NN6CW - (not a Costco stockholder...)

-----  
Date: Sat, 8 Jan 2000 11:50:19 -0500  
From: "KC1DI-DOR" <ELBC@PIVOT.NET>  
To: <cgreene@loa.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59781] Re: Hy-Gain Beam  
Message-ID: <001901bf59f8\$733b70a0\$5511a1d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Charles,  
As far as I know HY-GAIN /Telex are still in business here's there web  
address sure you can find the parts there.  
<http://www.hy-gain.com/>

73 dave

----- Original Message -----  
From: "Charles Greene" <cgreene@loa.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, January 08, 2000 7:31 AM  
Subject: Hy-Gain Beam

> Hi all,  
>  
> Does anyone know who supports Hy-Gain products?  
> I bought a used Hy-Gain 10/15 meter beam and it needs  
> a part.  
>  
> Tnx,  
>  
>  
> -----  
>  
> Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
> and May 99 QST. K2 S/N 462.  
>  
> Chas, W1CG  
>

> Rhode Island TCPIP Address Coordinator  
> w1cgc@arrl.net  
> -----  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>

-----  
Date: Sat, 8 Jan 2000 10:53:45 EST  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59782] OT: HP printer problems  
Message-ID: <9b.9b4e9ea7.25a8b789@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I'll bet someone on the list has suffered the problem I am experiencing. My Deskjet 694C will go into "loss of communication" when it starts to print the 2nd page. This problem is intermittent. After reporting this on-screen, it makes strange noises and pushes out an empty 2nd page. The screen asks if I wish to troubleshoot the problem or cancel the print.

HP recommended to clean the clear tape guide inside the printer. This works for a while. I also blew out the IR sensor inside. Who knows if this did any good, couldn't hurt.

Is there a known cure for this ailment that someone is aware of? Help!

TNX to all

Howard Kraus, K2UD

-----  
Date: Sat, 08 Jan 2000 08:29:53 -0600  
From: "T. E. 'Doc' Drake" <w5tb@SoftHome.net>  
To: terresfm@ncia.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59783] Re: solar panel  
Message-ID: <3.0.3.32.20000108082953.03d801e8@pop.SoftHome.net>



Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 12:04 AM 1/8/2000 -0500, Terres Family wrote:

>radioshack.com has a 15 watt solar panel for sale for ~\$75, about 9 pounds,  
>says it puts out 1 amp at 15 volts, most solar panel ads say 17 volts.  
>anybody know anything about this one?

At 12:04 AM 1/8/2000 -0500, you wrote:

>radioshack.com has a 15 watt solar panel for sale for ~\$75, about 9 pounds,  
>says it puts out 1 amp at 15 volts, most solar panel ads say 17 volts.  
>anybody know anything about this one?

Hi Jerry -- there's a little more about these at

<http://www.echoresources.com/daybreak3/batsavpro1so.html>

For real battery charging with enough power to run a vehicle full of small appliances, we recommend the BATTERY SAVER PRO15W panel (available with or without charge controller.) With 3 times the power of the 5W model, you'll get solid battery charging power for a variety of small 12volt appliance applications. And you can combine as many panels as you wish to increase power as needs grow!

For example, with the purchase of 30watts of power (two 15watt panels) you can run a 12" black and white TV for 14 hours/week, PLUS a 20W fluorescent bulb for 16 hours/week, PLUS a CB radio for 8 hours/week.(The amount of power your charging system generates is directly related to the sunlight intensity and number of panels you have connected to your system). 15 Watts rated power at 15 volts operating voltage. Constant Solar Charger for larger battery needs, Weatherproof, Polycarbonate frame, Includes all mounting & connection accessories, Dimensions 38x13x1

10010\$175.00

BATTERY SAVER PRO 15-WATT PANELSame as above but with out 3 amp regulator.

10008\$160.00

IF the radio shack version has the 3 amp regulator it would be a fantastic bargain! If you find out the answer to that one please let us know.

73 T.E. 'Doc' Drake

~~~~~  
FISTS # 5365 QRPARCI # 3532 ARRL Life member  
hamming since 1959 and it just keeps getting better

-----  
Date: Sat, 8 Jan 2000 11:24:18 -0700  
From: "Gail Perkins" <maggie98@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59784] Fw: ARLP001 Propagation de K7VVV  
Message-ID: <003401bf5a05\$94b528e0\$b6e20e3f@maggie>

----- Original Message -----  
From: "ARRL Members Only Web site" <memberlist@www.arrl.org>  
Cc: <recipient list not shown: ;>  
Sent: Friday, January 07, 2000 6:35 AM  
Subject: ARLP001 Propagation de K7VVV

> SB PROP @ ARL \$ARLP001  
> ARLP001 Propagation de K7VVV  
>  
> ZCZC AP01  
> QST de W1AW  
> Propagation Forecast Bulletin 1 ARLP001  
> From Tad Cook, K7VVV  
> Seattle, WA January 7, 2000  
> To all radio amateurs  
>  
> SB PROP ARL ARLP001  
> ARLP001 Propagation de K7VVV  
>  
> For the first propagation bulletin of the new year, we will review  
> some of the solar numbers for 1999.  
>  
> Currently we are moving toward the peak of solar cycle 23. Activity  
> is not as high as we had hoped, and current projections place the  
> broad peak of the cycle some time later this year.  
>  
> We can see a broad progression of the current cycle by reviewing  
> annual solar flux averages. The average daily solar flux in 1996,  
> 1997 and 1998 was 70.8, 80.9 and 117.9, and for 1999 it was 153.7.  
>  
> The average daily solar flux for the four quarters of this year were

> 136.7, 145, 157.6 and 175.2 for the quarter just ended. This  
> indicates a steady upward trend. Monthly averages of daily flux  
> values for September through December were 135.7, 164.8, 191.5 and  
> 169.8.  
>  
> So what does the short term outlook say? Projected solar flux for  
> Friday through Sunday is 150, 155 and 160, and the projected  
> planetary A index is 10, 8 and 12. Beyond the weekend it looks like  
> quiet geomagnetic conditions for January 10-19, moderately unsettled  
> around January 20 and 21, then quiet again until January 26 through  
> the end of the month. The most active days should be around January  
> 27 and 28 due to recurring coronal holes. Solar flux should rise  
> until January 16 and 17, peaking around 205, the drop below 150 by  
> January 25.  
>  
> If you want to graph data from these bulletins, you should try  
> WA4TTK's graphing program. The solar flux and sunspot database has  
> just been updated, so it now covers 11 whole years, from January 1,  
> 1989 to December 31, 1999. You can download the software and the  
> data from <http://edge.net/~scraig/sol.htm>. Then starting with this  
> bulletin and for every bulletin after this, you can use the WA4TTK  
> freeware to import the data automatically from the bulletin text and  
> display it graphically.  
>  
> Sunspot numbers for December 30 through January 5 were 88, 91, 69,  
> 69, 77, 102 and 100 with a mean of 85.1. 10.7 cm flux was 135.6,  
> 130.1, 129.9, 132.9, 133.1, 134.7 and 136.5, with a mean of 133.3,  
> and estimated planetary A indices were 8, 27, 27, 14, 13, 12 and 15,  
> with a mean of 16.6.  
>  
> Path projections for this weekend are to Japan for the JA  
> International DX CW Contest.  
>  
> From Seattle, WA, 80 meters 0700-1730z, 40 meters 0600-1830z, 20  
> meters 2030-0430z, 15 meters 2200-0200z, 10 meters 2230-0030z.  
>  
> From Salt Lake City, UT, 80 meters 0700-1600z, 40 meters 0600-1700z,  
> 20 meters 1530-1630z and 2100-0430z, 15 meters 2130-0130z, 10 meters  
> 2230-0030z.  
>  
> From Omaha, NE, 80 meters 0700-1500z, 40 meters 0600-1630z, 20  
> meters 1500-1630z and 2100-0200z, 15 meters 2130-0030z, 10 meters  
> 2230-2300z.  
>  
> From Dallas, TX, 80 meters 0630-1430z, 40 meters 0600-1500z, 20  
> meters 2000-0300z and 1430-1530z, 15 meters 2130-0130z, 10 meters  
> 2200-0000z.  
>

> From Newington, CT, 80 meters 0700-1330z, 40 meters 0600-1400z, 20  
> meters 2030-1030z and around 1630-1730z, 15 meters 2200-2300z.  
>  
> From Miami, FL, 80 meters 0700-1300z, 40 meters 0530-1330z, 20  
> meters 2100-0100z and 1230-1300z, 1430-1530z and 1630-1700z, 15  
> meters 2130-0000z, 10 meters around 2230z.  
>  
> From Cleveland, OH, 80 meters 0700-1430z, 40 meters 0530-1600z, 20  
> meters 2100-0130z, 0600-0900z and 1500-1700z, 15 meters 2130-2300z,  
> 10 meters possibly around 2200z.  
> NNNN  
> /EX  
>  
>  
>

-----  
Date: Sat, 08 Jan 2000 12:28:59 -0600  
From: Mike Souhrada <wb9iog@revealed.net>  
To: Wa2ocg@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59785] Re: Preamp for Ten Tec Century 21  
Message-ID: <387781EB.634B0646@revealed.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike

I took a quick look and didn't find the schematics or reference,  
but there was an RF -1? module that TT sold for that application.  
Another list member sent me a mod for just that purpose -came  
from Solid State For the Radio Am book ARRL. Will look around  
for it. I didn't put it in yet but would give you what you need.  
I have two C 21's now.  
Mike (also)  
Iowa

Wa2ocg@aol.com wrote:

>  
> Help!!  
> Does anyone know of a preamp to increase the sensitivity of the rx for this  
> rig? I fell in love with my first one 23 years ago, and just bought a nice  
> used one for QRP and vacation work. Would really like to increase the

> sensitivity of the rx, if it is possible.  
>  
> Thanks.  
>  
> Michael Sealton  
> WA20CG

-----  
Date: Sat, 08 Jan 2000 09:23:26 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [59786] Antennas/Drive1:Dr. MC's Christmas Vacation - QRP on the Road,  
Antenna Connections  
Message-ID: <200001081623.KAA14181@ogopogo.flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

All - I have been traveling a great deal lately and have not had time to post or read QRP-L lately. I am trying to catch up on that.

We drove to the midwest, South Dakota and Nebraska, to see my family and Ginger's family right after Christmas. Fortunately none of them has e-mail so I missed the restructuring cacophony on the list.

I operated some QRP with my OHR Classic on Tuesday evening December 28 (Wednesday Dec 29 UTC). There was a contest on (which one??) and I worked K5ZTY, NQ5RP, and K0EVZ from Nebraska using my Father-in-law's call, W0AEN. We went on to SD where I did a little operating from my Dad's station, WA00ML.

I noted Tim's post on his poor antenna performance as a result of broken antenna connections. I have 3 suggestions to avoid/diagnose these problems:

1. Keep a good record of how the antenna performed when it was erected. This record can include antenna analyzer readings, antenna tuner settings, or SWR readings. The log book is a good place to keep these. Check current antenna performance with these initial readings periodically, like before SS, FYBO, or your birthday.
2. Use a good center insulator (or "off center" insulator for those Windom fans) that provides strain relief. EmTech makes the Ladder Grabber which is quite effective. At \$6.95 it is good insurance against feedline breakage.
3. Put a high value resistor across the antenna at the feedpoint. Then

you can check continuity with an Ohm meter to see if the feedline is still good. Use 100 kOhm or more for a center fed Zepp, although 5 kOhm will suffice for resonant dipoles.

Gee but it's good to be back home. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Sat, 8 Jan 2000 11:42:30 -0500  
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [59787] KITS: miniPIG-10 Millenium Vacation  
Message-ID: <002901bf59f8\$01d28ac0\$0102030a@amd300>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Happy New Year fellow QRP'ers...

The XYL & I got back from our millenium vacation late Thursday night. Had a super time in Florida visiting relatives. The miniPIG-10 prototype #2 was a blast. Made the 1st qso going south on I-75 near Gainesville, FL. Had a great QSO with Dan, N0TK. BTW, the XYL was driving :)

Had a few problems with the Security folks when I tried to bring the miniPIG on board the Sovereign of the Seas cruise ship. They already had hightened security due to the Federal Government's terrorist hype. So here comes this guy with a foreign name trying to bring a strange device on board ship; had a meter and knobs and wires and batteries but no clock :) Took me about 15 minutes to convince the Security folks that the only person who could identify the miniPIG was the Ship's Radio Officer. So they confiscated the miniPIG until we arrived at Key West, where the Radio Officer & I had a nice chat about the miniPIG.

Here is my logbook and a few pictures...  
<http://w3.one.net/~gentzow/2000.htm>

I'm glad to be back in the USA.  
Ready to build more miniPIGS.

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - NE suburb of Cincinnati

FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Sat, 08 Jan 2000 13:05:29 -0600  
From: Jay Freeman <jayFreem@direcpc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59788] FOX: Alert  
Message-ID: <38778A79.E606F160@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok hounds, this Tuesday night (in North America), at 01/12/00 0100 GMT I will make my first ever appearance as a fox. I'll be somewhere around 7.043 MHz. My equipment is a Yaesu FT-990, running 5 watts to a G5RV, keyed by a Vibroplex bug. I will also be using a W9GR DSP-3 filter to help pull signals out of the QRM, so zero beat well ladies and gents, or I probably won't hear you.

A note of caution here: my schedule has been such that I have not been able to get on the air for about 3 months. My code speed has of course deteriorated in that time so you will do me and yourselves a favor by \*taking it easy\*. I can't put you in the log if I can't copy you, right? :)

My exchange will be RST IL JAY 1968

Good luck and I look forward to a brain frying experience :)

Jay

--  
\*-----\*  
\* Jay Freeman - WT9S ARRL \*  
\* G-QRP 10319 QRP-ARCI 9981 ARS 562 \*  
\* SASS #18700 NRA Life \*  
\*-----\*

-----  
Date: Sat, 08 Jan 2000 13:23:14 -0600  
From: Kevin Walker <kb9nun@ameritech.net>

To: QRP-L <qrp-l@lehigh.edu>  
Subject: [59789] FS-QRP Rigs & Misc.  
Message-ID: <38778EA2.FDB015A2@ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have decided to sell a few items that I just haven't been using much.  
Contact me directly if intersted.

OHR 100A (30m) - Works fine, some minor scratches on the case - \$80

SW-40+ - Also works fine, in a small Ten Tec case, 10 turn pot, has 5w  
mod. Will  
include tick keyer in a external case - \$50

Maxon 11-2-10 - Works fine \$50

38 Special - This one needs some work. Quit working after the tick mod  
and the 5w mod. Some bright soul can make it play again I'm sure.  
Currently in a small plastic case - \$25

Misc items

Mirage 2m HT 35W amp/preamp - Model B-34-G with original box and  
bracket. \$69 new, sell for \$50

Realistic Scanner Model 20-105 - 4 channels, plug in xtal's. Rx range  
30-50, 144-174,450-470 470-512

I have 4 xtal's 162.400, 155.580, 155.995, 154.190. If you have access  
to the xtals, it's not a bad little scanner. \$20

73,

Kevin/W9NL

-----  
Date: Sat, 8 Jan 2000 10:55:33 -0500  
From: "Dan Wolfe" <n4roa@mounet.com>  
To: "Low Power Radio Discusion" <qrp-l@Lehigh.EDU>  
Subject: [59790] 160M QRP  
Message-ID: <200001081955.0AA19646@nss4.cc.lehigh.edu>  
MIME-Version: 1.0



Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Good Mornin' All,

Jumped on 160M this morning to see if I could work Jim, KJ5TF, at a reduced power. We worked Friday morning at 200mw (his power) and 1W (my power). After listening for a while, decided to call CQ with my power level at 80mw. Called Jim several times but never did hear him come back.

Just before I was gonna raise my power level, KD0CA, Jerry, in Iowa came back to my CQ call. Thanks Jerry. He was at 5W and a nice signal. I was still at 80mw and not a very good signal for him to copy. He gave me a 339.

After signing with him, called Jim again. Then W0AV, George, in MO came back to my call. He was at 1W and a real nice signal for that level (539). (Later received an email that said he was at a little under 1W.) QSB got us and he was unable to copy any longer.

Oh yeah, had a contact with NN8R, Ray, in Fremont, OH earlier. He signed when I told him my power level. Hard to copy I guess. Anyway, just wanted to let you know that a lot of fun is to be had on 160M. Jump in and give it a try.

72...Dan, N4ROA, in Gate City, Va.  
and he was unable to copy me.

-----

Date: Sat, 8 Jan 2000 15:46:05 -0500  
From: "Dennis Brickey" <n4dd@preferred.com>  
To: <qrp-1@lehigh.edu>  
Subject: [59791] QRPTTF 1999 Spring Results ???????  
Message-ID: <000101bf5a19\$6301ae40\$937860ce@n4dd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, Have I missed the official posting of the contest results or have the results never made it to print? It's about time for another outting. Would like a comparison. Can anyone point me in the right direction?

Thanks,

72,

Dennis/N4DD

-----  
Date: Sat, 08 Jan 2000 17:23:13 -0500  
From: Charles Greene <cgreene@loa.com>  
To: Wa2ocg@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59792] Re: Preamp for Ten Tec Century 21  
Message-ID: <4.2.2.20000108171847.00ac76d0@mail.loa.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:50 PM 1/8/00 -0500, Wa2ocg@aol.com wrote:

>Help!!

>Does anyone know of a preamp to increase the sensitivity of the rx for this  
>rig? I fell in love with my first one 23 years ago, and just bought a nice  
>used one for QRP and vacation work. Would really like to increase the  
>sensitivity of the rx, if it is possible.

The Ameco model PT-3 works fine on the Ten-Tec Trident IV, so I assume  
it would work fine for the Century 21. Try to find one on the used market.

-----  
Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator  
w1cg@arrl.net  
-----

-----  
Date: Sat, 8 Jan 2000 15:30:28 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Dennis Brickey <n4dd@preferred.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [59793] Re: QRPTTF 1999 Spring Results ???????  
Message-ID: <Pine.SUN.4.10.10001081514130.9805-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 8 Jan 2000, Dennis Brickey wrote:  
> Well, Have I missed the official posting of the contest  
> results or have the results never made it to print?

The 1999 NorCal QRP To The Field (QRPTTF) results will be printed in the Winter QRPP, which will be mailed about Feb. 15th. They logs are being finalized now by Jan N0QT, the new NorCal Contest Manager. As many of you know, Joe AB7TT, just got overloaded with his work and was unable to finish processing the logs, so turned them over to Jan for scoring. This delay should not occur next year.

BTW, one of the delays in scoring the QRPTTF logs was an overall confusion as to how to score working a Taco Bell station. Some guys claimed the bonus once, while others claimed it everytime they worked a Taco Bell station (which was the intent of the scoring rules). So Jan is going back through and rescoring the logs to ensure everyone is scored the same, that is, getting credit for EACH Taco Bell station worked per band. I think she's planning on posting the results on qrp-l as well.

> about time for another outing. Would like a comparison.  
> 72,  
> Dennis/N4DD

QRPTTF for 2000 will be held on the last saturday in April ...  
April 29, 2000.

It will retain the "border" theme, and this year will include credit for operating from the border of your state and an ocean. Possibly other major bodies of water. A quasi-maritime mobile opportunity and theme. For example, if you operate from the bay at San Francisco, you can claim "CA/PAC" and you will count as 2 SPC's to those who work you. (Isn't that example like just down the street from Bob N6WG? - hint!).

But at this time, that's the extent of what I know about it. The official announcement will be posted on qrp-l when finalized. Probably right after FYBO in Feb.

72, Paul NA5N

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Date: Sat, 08 Jan 2000 17:39:59 -0500  
From: Charles Greene <cgreene@loa.com>  
To: "KC1DI-DOR" <ELBC@PIVOT.NET>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59794] Re: Hy-Gain Beam  
Message-ID: <4.2.2.20000108173222.00a8d590@mail.loa.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:50 AM 1/8/00 -0500, KC1DI-DOR wrote:

>Hi Charles,  
>As far as I know HY-GAIN /Telex are still in business here's there web  
>address sure you can find the parts there.  
><http://www.hy-gain.com/>

Tnx Dave, and TNX to all others who provided an input.

I have a couple of places to call, starting tomorrow, and hopefully, I will be able to find a suitable part. It sounds like a 10/15 meter beam will be the right antenna for this year.

The response was substantial, and gratifying. I know if I have any question in Ham radio, I will always get an answer on this reflector.

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Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>  
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator  
[w1cg@arrl.net](mailto:w1cg@arrl.net)

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Date: Sat, 8 Jan 2000 15:43:45 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59795] Re: two hot deals from Costco...  
Message-ID: <068301bf5a29\$e34b8700\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Subject: two hot deals from Costco...

Ok, am I the only one who doesn't see a relationship between this Costco ad and QRP?

If I understand these new "Personal Radio" gadgets, no license is required to operate them - therefore they are not ham related. While they are low power, since they are not part of ham radio aren't they are useless for any awarded qualifications?

The zip disks are questionable since you can't really store a QRP contact on them, and the hot dog "on the way out of the store" doesn't even meet Field Day qualifications.

Just an observation...

Back in my hole...

72

Ron Smith - KD7VD - Boise, Idaho

-----  
Date: Sat, 8 Jan 2000 16:12:08 -0700  
From: "Dick Schneider" <dschneider2@uswest.net>  
To: <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59796] Re: two hot deals from Costco...  
Message-ID: <004501bf5a2d\$c9a62400\$fa9fa0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

what are you -- the ad manager for cosco?

----- Original Message -----

From: Radman <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Saturday, January 08, 2000 7:53 AM

Subject: two hot deals from Costco...

> Gang,

>

> I love deals! Here's two perhaps of interest. One is QRP! If you're a  
> Costco member, they're running a promo on Motorola "TalkAbout Plus" <QRP>  
> frs handi-talkies... \$49.99 ea. (That's about half the on-line street  
> price.) And, a 16-pak of 100MB Iomega Zip Disks for \$99.99 - that's 1.6GB  
> of back-up!

>

> Here's how it works - each item is part of a time-limited promo. The  
> "window" is narrow, so you'll have to buy during the >one week< time  
period

> each item is offered.

>

> The "TalkAbout Plus" is an online purchase from Jan 31-Feb 6.

> URL: <http://www.costco.com/home.asp?log=>

> The Zip Disks are on sale in the store from Feb 7-Feb 15. (You'll need the  
> coupon book they mail to you!)

>

> What is a Motorola "TalkAbout Plus?" In addition to being the "industry  
> standard" QRP radio for all 7th grade boys who own skateboards here in  
> 6-Land... the specs follow:

>

> Freq: UHF: 462.5625-467.7125MHz

> Channels: 14

> Privacy codes: 38

> Power supply: 3-AA alkaline batts

> Size: 4.5" tall w/o antenna

> weight: 7 oz

> Battery life: 30 hours (5% xmt/5% rcv/90%standby)

> Power out: 500 mW

> Channel spacing: 12.5kHz

> Nominal range: 2 miles - line of sight.

>

> And, don't forget to buy your hot dog on the way out of the store ;)

>

> 72,

>

> Conrad - NN6CW - (not a Costco stockholder...)

>

>

>

-----  
Date: Sat, 8 Jan 2000 17:23:02 -0600  
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
To: "qrp reflector" <qrp-1@Lehigh.EDU>  
Subject: [59797] Milliwatting help needed  
Message-ID: <000101bf5a2f\$5232ffe0\$143a0b3f@default>

Okay .... after all the reading I've done, it's  
time to try the milliwatt side of the force.

I have 40, 20 and 15 meter MFJ 90xx series  
rigs. Is there a simple way to 'dial back'  
the power output to less than 1 watt?

Any help would be very much appreciated.

Thanks..... Mike in Minnesota

-----  
Date: Sat, 8 Jan 2000 18:24:46 -0500  
From: "J. Ervin Bates" <w8erv@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59798] EXTRA Happy Dance!  
Message-ID: <008401bf5a2f\$8e07c5a0\$5b27113f@win98>

Well, the other shoe fell today at the Lansing, Michigan VE Session. We had  
14 candidates, either for upgrade or for their first license and ALL of us  
passed something.

As for this Happy Dancin' Ham, well the 20wpm fell at last! I am ready now  
for April and pleased that it happened the "ol' fashioned" way. Glad to  
have it behind me and ready to work some serious DX, as well as Elmering  
some new folks.

Thanks for all the support to the list. It was 1-9-99 of last year that I  
got my first (T+) upgrade. Not a bad year, eh?

72/73,  
Erv W8ERV

HamFair2000 is coming...ask me about it!  
"Dare to Dream-It Sets Your Spirit Free!"

-----  
Date: Sat, 8 Jan 2000 15:30:32 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [59799] Re: 160M QRP  
Message-ID: <01bf5a30\$5b816540\$a4d1fc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gee, it would be nice to find some signals on 160m out here on the left coast. This isn't exactly a hotbed of 160m activity. I've been trying for a while each evening, and occasionally I will turn up a nice QSO. Lot of evenings without, though. Antenna system here is fairly decent for a small lot. Using the 40m dipole for a top loaded vertical, with a big spiderweb of wire around the lot for a groundplane. About 22 ohms at the feedpoint, with very little reactance. Will keep trying, so if you hear a faint N6WG, please call.  
73, Bob N6WG

-----  
Date: Sat, 8 Jan 2000 17:30:29 -0600  
From: "BHUYCK" <BHUYCK@prodigy.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [59800] Question installing silver contacts on Norcal keyer  
Message-ID: <NDBBLNJFELBFIPKEIOHJEEKACGAA.BHUYCK@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I got a set of the silver contacts for my keyer a while back and started to put them on this afternoon. Can someone explain how they put the contacts on each arm. The posts are done with no problem. A picture might speak a thousand words. Thanks.

Bruce KS4V



-----  
Date: Sat, 08 Jan 2000 16:49:58 -0700  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59801] Re: RS sale alert  
Message-ID: <3877CD26.E1D7C93D@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings,

Has anyone confirmed the sale price for the 2m mobile rig? No sales person  
I have contacted can confirm the sale. BTW, the headphones described are  
good, but I wish they had a volume control. The store in Denver today  
was almost  
out of both models (930-0547 and 930-0548). You should be able to order  
them  
online if still in stock at the warehouse.

Which brings up a related subject. Has anyone found earpieces that can  
be used  
with these type headphones that will enclose the ear?

tnx es 72 - john - n0hj

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End of QRP-L Digest 1694  
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